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CIA/RR CB 60-34

Copy No. _____
13 June 1960

SIP/C

CURRENT SUPPORT BRIEF

CONSTRUCTION OF F-CLASS SUBMARINES IN SUDOMEKH
SHIPYARD, NO. 196, LENINGRAD

OFFICE OF RESEARCH AND REPORTS

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CONSTRUCTION OF F-CLASS SUBMARINES IN SUDOMEKH
SHIPYARD, NO. 196, LENINGRAD

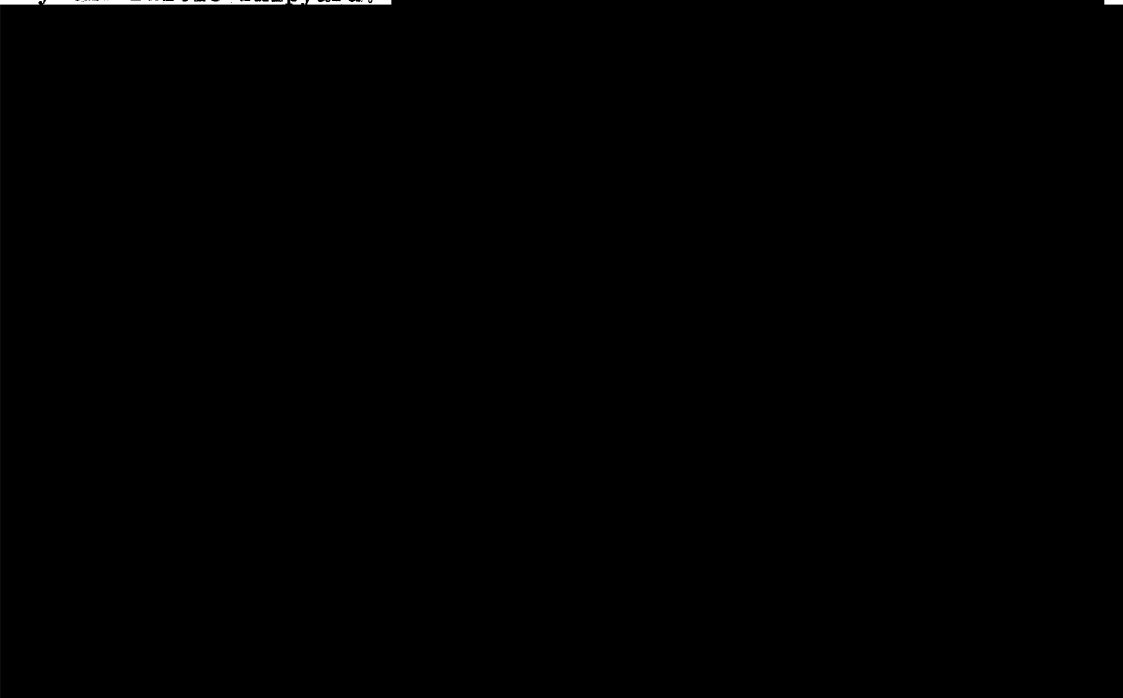
1 January 1957 - 1 May 1960

Twelve F-class submarines have been launched by the Sudomekh Shipyard during the period 1 January 1958 - 1 May 1960. F-class submarines are long range attack boats conventionally powered and armed. The assembly of sub-sections began in the early months of 1957 and the first submarine was launched about 31 January 1958. The twelfth F-class submarine was launched about 19 March 1960.

This twelfth submarine generally is referred to in the intelligence community as submarine No. 13. The numbering system which designates this submarine as No. 13 is based on reported sequential sightings of 13 new or partially completed F-class submarines at the fitting-out quay in the Sudomekh Shipyard. An analysis of construction time and operational intelligence, however, fails to confirm the existence of the F-class submarine designated No. 2 which was reported observed at Sudomekh only once and that on 12 May 1958. Moreover, it is concluded that no other shipyard in the Baltic area is engaged in the production of this class, because of the reported appearance of only one F-class submarine there that cannot be attributed to Sudomekh production. In addition, if Severodvinsk or Krasnoye Sormovo were engaged in the construction of this class their production would have to be moved to Leningrad via the White Sea - Baltic canal. It is extremely doubtful that a transit could have been effected the first week of May.

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In the construction of the F-class submarines, the Sudomekh Shipyard is supplied with hull sections fabricated and partially assembled by the Baltic Shipyard.



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Figure 2 was constructed to show the pattern of construction as indicated by the time between launchings for both 12 and 13 submarines. The time between the launchings of 12 submarines seem clearly to indicate a logical pattern of construction and a rational reduction in assembly time. The time between the launchings of 13 submarines presents an erratic and an improbable pattern of construction and assembly time. Because of the unrealistic production pattern for 13 submarines and the lack of further observance of submarine number 2, it is concluded that only 12 have been constructed.

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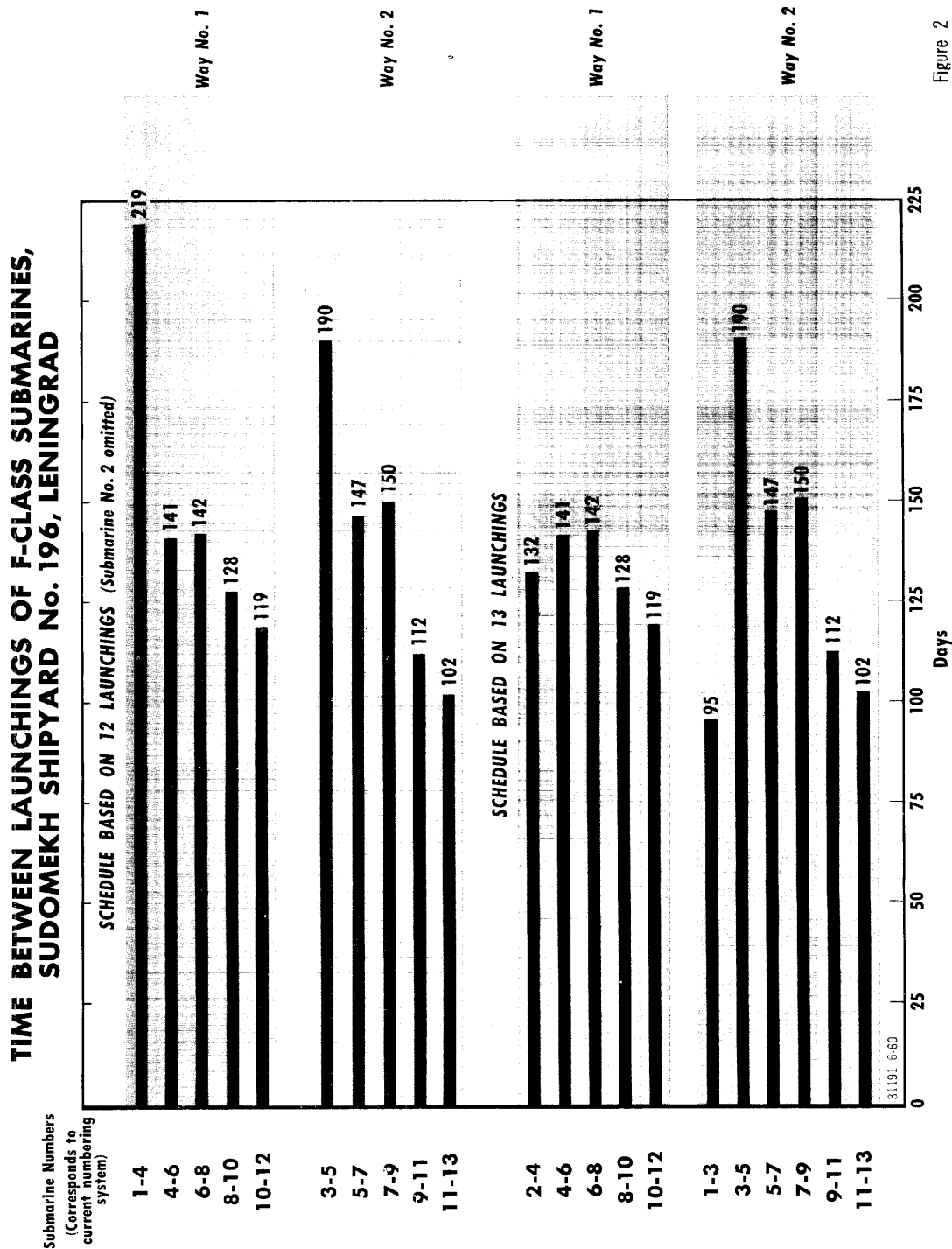
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Figure 2

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Analyst:



Source:

Because of the large number of sources that were used in the brief and in the construction of Figures 1 and 2, no listing will be made. Source references are on file in the office of the above analyst.

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